

1911

1912

ESTABLISHED 1875

Winter Whole Sale Price-List

**Grafts, Apple Seedlings,
Fruit Tree Stocks,
Hedge Plants, Forest
Tree Seedlings, Scions**



MOUNT ARBOR NURSERIES

**E. S. Welch, Prop.
Shenandoah, Iowa**

TELEPHONES { Bell No. 77
 Mutual No. 385

To the Trade:

In presenting our Winter Wholesale List I wish to thank our many customers for the liberal trade extended us in the past and to assure you of our appreciation of your continued patronage, which we shall make every effort to merit.

We urgently request correspondence and trial orders from new customers, feeling confident that you will be pleased with our stock and method of doing business.

We have added to our equipment and plant until we now have one of the most complete and best equipped nursery plants to be found any where, placing us in a position to give the best of service.

In issuing this list we desire especially to interest you in Apple Seedlings and Root Grafts. Our facilities for handling this branch of the business are unsurpassed; with our large force of experienced help, storage buildings designed and built expressly for this work, we are able to handle it in the best possible manner. Give us a trial and be convinced.

Can supply most any grade of Apple Seedlings desired and will put up any style of graft to order. If we do not quote what you want write us stating grade of seedlings or style of grafts wanted.

LOCATION AND SHIPPING FACILITIES

WE ARE located in southwestern Iowa, fifty miles from Omaha on well drained upland and have a fertile soil that cannot be surpassed in the United States. Three railroads (C. B. & Q., Wabash and K. & W.) afford competition in freight rates and a rapid and convenient shipping outlet in every direction. Two express companies (Adams and Wells Fargo) also give excellent service.

TERMS AND CONDITIONS

SHIPPING—Please give shipping directions, whether by freight or express, also route. If no directions are given we forward to the best of our judgment, without assuming responsibility, as all goods travel at purchaser's risk and expense.

PRICES—The prices named in this list are for the wholesale trade only, and limited to winter 1911-1912 and supercede all previous quotations on the stock offered herein, and are subject to change without notice. Should prices change either higher or lower during the season, the prices agreed upon at the time the order is accepted are expected to stand.

CAUTION—We accept all orders on the condition that they shall be void should injury befall our stock from frost, hail, fire or other causes over which we have no control.

CLAIMS—All claims for errors and deductions must be made within ten days after receipt of goods.

TERMS—To known responsible parties we extend the usual terms of credit. Orders from those whose financial standing we are not acquainted with must be accompanied by one-fourth cash or satisfactory references.

PACKING—GRAFTS BOXED FREE—On other stock we charge to cover cost. All packing carefully done in the best possible manner in paper lined boxes.

GUARANTEE OF GENUINENESS—While we exercise the utmost diligence and care to have all varieties true to name, and hold ourselves in readiness, on proper proof, to replace all trees, etc., that may prove otherwise, or refund the amount paid, it is mutually understood and agreed between the purchaser and ourselves that we shall in no case be liable for any sum greater than the amount originally received for said trees, etc., that prove untrue.

Treatment of Nursery Stock that has been Frozen in Transit

Place the package UNOPENED in a cellar or some such place, that is COOL but free from frost, until completely thawed. DON'T be in a hurry to open. The stock can remain in the package for two weeks or longer if necessary without injury. It is best to cover boxes over with sawdust, earth or something to exclude air.

MOUNT ARBOR NURSERIES,

E. S. WELCH, PROP.

SHENANDOAH, IOWA.

ROOT GRAFTS

Ever since the Mount Arbor Nurseries were established in 1875, growing Apple Seedlings, Apple Trees and making Apple Grafts for the trade and our own planting has been one of our specialties. For this work we employ only skilled labor and select the best of material. We use Orchard Scions as far as possible and vigorous healthy Seedlings, carefully selected when grading our blocks of Seedlings.

All Grafts are carefully assorted and only the best of material used in orders, so that customers can depend on getting a first-class article. Orders should be placed early to secure the best selection of varieties and to give the Grafts ample time to callous before shipment. After our Grafts are made they are tied in bundles of 100, each bunch carefully labeled and packed away to callous.

Our Piece-Root Grafts are made with a six-inch Scion and three and one-half inch Root, the same style that we make largely for our own planting. For Whole-Root Grafts we use the entire Seedling, either a straight or branched root as the customer may select. **Any style of Graft made to order.**

WHOLE ROOT GRAFTS

Some of our customers get best results from planting Whole Root Grafts, which are made with a Scion about six inches in length and a branched or straight Seedling. We recommend a strong branched Seedling as it will usually give the best results. One customer advises his Whole Root Grafts put up on heavy branched Seedlings made 8 to 12 inches more growth than the Piece Root Grafts under the same conditions.

Grafts should be planted at the earliest date in the Spring the season will permit, in rows about three and one-half feet apart and seven to eight inches apart in the row. The ground should be plowed deep (in the fall preferred) and well prepared before planting.

Graft Wrapping Machine

We have installed five Graft Wrapping Machines run with electric motor for wrapping Grafts. We have been able to do much better wrapping of the union of the Grafts and are confident the continuous machine wrapping will materially reduce the percentage of crown gall, which frequently develops about the union of root and Scion in grafted Apple Trees.

George G. Hedgcock, Pathologist of the U. S. Department of Agriculture, conducted extensive experiments in his "field studies of the crown gall and hairy root of the Apple Tree." (See Bulletin No. 186 Bureau of Plant Industry) and according to his experiments there was a difference in percentage of crown gall of nineteen per cent. in favor of the continuous thread wrapping; aside from an increase in the stand of 10.2 per cent.

PRICES OF GRAFTS IN ASSORTMENT

APPLE and CRAB, No 1 Piece Root, 1000 to 5000	Per 1000 \$ 6 50
“ “ “ “ “ 5000 and up.....	6 00
“ “ “ “ Whole “ branched, 1000 to 5000.....	10 00
“ “ “ “ “ “ 5000 and up.....	9 00
Apple and Crab Grafts put up on No 1 straight Seedlings 50c per 1000 higher.	
PEAR, No. 1, Piece Root	8 00
“ “ Whole “ branched.....	10 00

Leading Varieties Apple

Aiken	Golden Russett	Maiden Blush	Seek-no-further
Alexander	Gravenstein	†Malinda	†Senator
Allen's Choice	Greenville	Mam. Black Twig	Smokehouse
Anisim	Grimes Golden	Mann	Sops of Wine
Arkansas Black	Haas	Milam	†Spitzenburg
Aut. Strawberry	Hibernal	Minkler	Stark
†Banana	Horse Yellow	Mo. Pippin	†Staymans Winesap
Bailey Sweet	Hubbardston Nonsuch	N. W. Greening	Sutton Beauty
†Baldwin	Huntsman	†Northern Spy	Sweet Bough
Baxter	Ingram	Paradise Win. Sweet	Sweet June
Ben Davis	Iowa Beauty	†Patten's Greening	Talman Sweet
Benoni	Iowa Blush	Peerless	Tetofsky
Black Annette	Isham Sweet	Perry Russett	Utter's Red
†Black Ben Davis	Janet	Peter	University
Chenango	Jefferis	Pewaukee	†Wagner
Cooper's Ea. White	Jonathan	Pound Sweet	Walbridge
†Delicious	Kaump	Prices Sweet	Wealthy
Dominie	King of T Co.	Rambo	White Pearmain
†Duchess	†King David	Ramsdell Sweet	White Pippin
Early Harvest	Lawyer (Del. Red Winter)	Red Astrachan	Willow Twig
Fallwater	L. R. Romanite	Red Beitzheimer	Winesap
Fall Orange	Limber Twig	Red June	†Windsor Chief
Fall Pippin	Liveland-Raspberry	R. I. Greening	Wolf River
†Fameuse	Longfield	Romanstem	Yellow Belleflower
Flora Bell	Lowell	†Rome Beauty	†Yel. Newtown Pippin
Gano	†McIntosh Red	Salome	†Yellow Transparent
Golden Sweet	McMahon	Scotts Winter	York Imperial

Leading Varieties Crab

Alaska	General Grant	Milton	Soulard
Brier Sweet	Golden Beauty	Minnesota	†Transcendent
Darrr	Gideon No. 4	Orange	Virginia
Early Strawberry	Hyslop	Red Siberian	Whitney
Florence	Martha	Shields	Yellow Siberian

Varieties marked with a † \$1.00 per 1000 additional, except where furnished in assortment with other varieties.

Leading Varieties Pear

Bartlett	Duchess	Kieffer	Vermont Beauty
B. de Anjou	Flemish Beauty	Koonce	Wilder
Clapp's	Garber	Seckel	Worden-Seckle

FRUIT TREE STOCKS

APPLE SEEDLINGS—Our American Grown Apple Seedlings have made up strong, and are in fine condition, free from insects and disease. Were not dug until well ripened; they cannot fail to give satisfaction.

Samples submitted if desired.

We will be pleased to quote favorable prices on application stating quantities and grades wanted.

Regular Grades as Follows:

APPLE SEEDLINGS, extra heavy, $\frac{1}{4}$ inch and all up, straight or branched.	
“ “ No. 1, 3-16 inch and all up, straight or branched.	
“ “ No. 2, 2-16 to 3-16, straight or branched.	
“ “ No. 3, about 3-16, most too light for grafting.	
“ “ No. 4, for lining out.	

We also can offer a grade called Grafters containing seedlings mostly 3-16 inch and up in caliper, but not suitable for the No. 1 and No. 2 grades.

Special grades made if desired. We can make a splendid grade of $\frac{1}{4}$ inch and up, branched roots, for lining out for budding. As heavy French Seedlings are scarce, these will take their place very nicely.

	Code	Per 1000
JAPAN PEAR SEEDLINGS, No. 1, 3-16 inch and up.....	Immerse	\$ 8 00
“ “ “ No. 3.....	Impress	3 50

FRENCH FRUIT TREE STOCKS

APPLE SEEDLINGS, No. 1, 5 to 7 mm, branched....	Idiom	6 00
“ “ No. 1, 5 to 7 mm, straight.....		6 00
CHERRY, MAHALEB, No. 1, 5 to 8 mm.....	Ignite	9 00
“ “ No. 2, 3 to 5 mm.....	Ignoble	6 00
PLUM, MYROBOLAN, No. 2, 3 to 5 mm.....	Impassive	7 00
PEAR, extra heavy, 7 to 12 mm, branched.....	Ire	11 00
“ “ No. 1, 5 to 7 mm, branched.....	Image	3 00
“ “ No. 2, 3 to 5 mm, branched.....	Imbibe	6 00
QUINCE STOCKS, extra heavy 7 to 12 mm.....	Imperial	12 00
“ “ No. 1, 5 to 7 mm.....	Imply	7 50

POPLAR CAROLINA, two and three years, well branched

	Code	Per 100	Per 1000
12 to 14 feet, $1\frac{1}{2}$ to 2 inch caliper	Paling	\$15 00	\$125 00
10 to 12 feet, $1\frac{1}{4}$ to $1\frac{1}{2}$ inch caliper	Pawn	10 00	80 00
8 to 10 feet, 1 to $1\frac{1}{4}$ inch caliper	Potter	8 00	60 00
6 to 8 feet, $\frac{3}{4}$ to 1 inch caliper	Park	6 00	40 00
5 to 6 feet, $\frac{5}{8}$ to $\frac{3}{4}$ inch caliper	Pit	5 00	25 00
4 to 5 feet, $\frac{1}{2}$ to $\frac{5}{8}$ inch caliper	Pint	3 00	15 00

POPLAR CAROLINA, one year whips

6 to 8 feet	Plaster	4 00	20 00
5 to 6 feet	Plate	3 00	12 50
4 to 5 feet	Plague	2 00	10 00
3 to 4 feet	Plaid	1 50	8 00
2 to 3 feet	Plevna	1 00	6 00
18 to 24 inches	Pomfret	80	5 00

POPLAR NORWAY, two and three years, branched

12 to 14 feet, $1\frac{1}{2}$ to 2 inch caliper	Pacal	18 00	150 00
10 to 12 feet, $1\frac{1}{4}$ to $1\frac{1}{2}$ inch caliper	Peace	15 00	125 00
8 to 10 feet, 1 to $1\frac{1}{4}$ inch caliper	Piso	12 50	100 00
6 to 8 feet, $\frac{3}{4}$ to 1 inch caliper	Peek	10 00	80 00
5 to 6 feet, $\frac{5}{8}$ to $\frac{3}{4}$ inch caliper	Pat	8 00	60 00
2 to 3 feet, one-year whips	Powcan	1 50	12 50
18 to 24 inch, one-year whips	Pozo	1 25	10 00

CHERRY, Dwarf Rocky Mountain

2 to 3 feet	Felt	4 00	30 00
18 to 24 inches	Fly	3 00	25 00
12 to 18 inches	Ferry	2 50	20 00
6 to 12 inches	Falla	2 00	15 00

CUTTINGS

Currant, London Market and Victoria	2 00
Honeysuckle, Pink and White Tartarian	3 00
Poplar, Carolina, (\$100.00 per 100,000)	1 25
Norway	2 00
Privet, California	2 50
Willow, Golden	1 50
Laurel Leaved	2 00
Wisconsin	2 00

HEDGING

		Code	Per 100	Per 1000
Barberry, Purple Leaved,	18 to 24 inches	Shrug	5 00	.....
"	" 12 to 18 inches	Shut	3 00	.....
"	Thunbergi, 12 to 18 inches	Siege	4 00	.....
"	" 6 to 12 inches	Sigh	2 50	.....
"	Vulgaris, 18 to 24 inches	Saga	5 00	.....
"	" 12 to 18 inches	Sagathy	3 00	.....
Buckthorn, 2 to 3 feet		Salgen	4 00	.....
"	18 to 24 inches	Salify	3 00	25 00
"	12 to 18 inches	Saint	2 00	18 00
Caragana, Arborescens,	18 to 24 inches	Serve	4 00	.....
Honeysuckle, Tartarian White,	2 to 3 feet	Sile	5 00	40 00
"	" 18 to 24 inches	Silent	4 00	.....
Locust, Honey,	18 to 24 inches	Sankey	.....	4 00
"	" 12 to 18 inches	Silure	.....	3 00
"	" 6 to 12 inches	Sima	.....	2 00
Privet, Amoor,	18 to 24 inches	Strut	4 00	.....
"	" 12 to 18 inches	Strutter	3 00	.....
"	California, 2 to 3 feet	Sirrah	2 50	20 00
"	" 18 to 24 inches	Sirt	2 00	15 00
"	" 12 to 18 inches	Syrup	1 50	12 50
"	Ibota, 18 to 24 inches	Sugar	4 00	.....
"	" 12 to 18 inches	Saxon	3 00	.....
"	Regelinum, 18 to 24 inches	Shako	4 00	.....
"	Vulgaris, 18 to 24 inches	Sincere	3 00	.....
"	" 12 to 18 inches	Suitor	2 00	.....
Pyrus, Japonica,	2 to 3 feet	Sivah	6 00	.....
"	" 18 to 24 inches	Sizar	4 00	35 00
"	" 12 to 18 inches	Skain	3 00	.....

SEEDS

	Per lb	100 lbs		Per lb	100 lbs
Apple, American	\$ 35		Locust, Honey	\$ 25	\$20 00
" French Crab	45		Mulberry, Russian	2 00	
Catalpa, Speciosa	75	65 00	Peach Pits, per bushel,	\$2 00	
Locust, Black	30	25 00	Rhubarb	50	

SCIONS We will have an assortment of **Apple, Cherry, Pear and Plum Scions** to offer. Send us your list of wants and we will be pleased to quote prices by letter as far as possible.

FOREST TREE SEEDLINGS

	Code	Per 1000
Ash, 12 to 18 inches.....	Wail	3 50
“ 6 to 12 inches.....	Waillet	2 00
Box Elder, 2 to 3 feet.....	Wattle	6 00
“ 18 to 24 inches.....	Wart	4 50
“ 12 to 18 inches.....	Waco	3 50
“ 6 to 12 inches.....	Wild	2 00
Butternut, 18 to 24 inches.....	Wipe	15 00
“ 12 to 18 inches.....	Waft	12 00
Catalpa, Speciosa, 6 to 12 inches.....	Window	2 50
Elm, American White, 4 to 5 feet.....	Wed	15 00
“ “ “ 3 to 4 feet.....	Weak	10 00
“ “ “ 2 to 3 feet.....	Woof	5 00
“ “ “ 18 to 24 inches.....	Wean	3 50
“ “ “ 12 to 18 inches.....	Wisp	2 50
“ “ “ 6 to 12 inches.....	Wafer	1 75
Locust, Black, 2 to 3 feet.....	Wiggle	3 00
“ “ 18 to 24 inches.....	Waiter	2 50
“ “ 12 to 18 inches.....	Whig	2 00
“ “ 6 to 12 inches.....	Wheeze	1 25
“ Honey, 2 to 3 feet.....	Wharf	5 00
“ “ 18 to 24 inches.....	Whim	3 50
“ “ 12 to 18 inches.....	Whey	2 50
“ “ 6 to 12 inches.....	Whack	1 75
Maple, Soft or Silver Leaved, 3 to 4 feet.....	Whamble	10 00
“ “ “ 2 to 3 feet.....	Wabble	5 00
“ “ “ 18 to 24 inches.....	War	4 00
“ “ “ 12 to 18 inches.....	Wing	3 00
Mulberry, Russian, 2 to 3 feet.....	Whimper	6 00
“ “ 18 to 24 inches.....	Wick	4 50
“ “ 12 to 18 inches.....	Winter	3 50
“ “ 6 to 12 inches.....	Wise	2 50
Osage Orange, 1 year, No. 1 (with tops if desired).....	Writ	2 00
“ “ 1 year, No. 2 “ “.....	Warren	1 25
Russian Olive, 2 to 3 feet.....	Wide	20 00
“ “ 18 to 24 inches.....	Wilt	15 00
“ “ 12 to 18 inches.....	Wine	12 00
“ “ 6 to 12 inches.....	Witty	9 00
Walnut, Black, 12 to 18 inches.....	Wenz	10 00
Willow, Russian Golden, 2 to 3 feet.....	Winona	10 00
“ “ 18 to 24 inches.....	Wiley	8 00

NURSERYMEN'S SUPPLIES

Baling Cord, ten-ply tube, best for ordinary baling, per pound.....	\$ 08
Baling Cord, sisal, two-ply, for heavy bales, per pound.....	10
Box Clamps, lever style, durable, each.....	2 50
Box Straps, about 1 inch wide, 12 inches long,, ready for use, per pound	05
Burlap, 7 oz., 40 inch, per yard.....	06
Catalogs, descriptive, each.....	15
Collating Books, ruled and printed, each postpaid	05
Cash Books, delivery, ruled ready for use, postpaid, (per doz 60c) each	07
Dibbles, best steel, for planting. each.....	1 00
Gloves, good quality, per pair 50c, per dozen pair	5 00
Grafting Thread, waxed, per ball (if by mail add 7c)	12½
Grafting Thread, unwaxed, per ball (if by mail add 2c)	08
Knives, Budding, Wostenholm, best made, each.....	75
Knives, Grafting, a good durable knife, postpaid, each	40
Knives, Grafting, best, postpaid, each	45
Knives, Pruning, Wostenholm's I. X. L., best made, each.....	75
Labels, notched, iron wired, 3½ inches, plain, per 1000	75
Labels, notched, copper wired, 3½ inch, plain, per 1000.....	1 00
Labels, notched and pierced, iron wired, plain, per 1000.....	80
Mittens, mule skin, each 35c, per dozen pairs	2 75
Needles, burlapping, 6-inch, bent, per dozen.....	65
Paper in rolls of 50 to 60 lbs, 36 inches wide, for lining boxes, per lb.....	03
Order books, containing 50 orders, without firm name, each 25c, per dozen.....	2 50
Raffia, best quality, per pound	15
Shears, pruning, California pattern, 9 inches, each	65
Shingle Shavings, baled, per cwt.....	1 00
Spades, Ames, strapped handles, best nursery spade, each	1 75
Tags, shipping, No. 5 "Manilla E" printed both sides, without firm name, per 100..	25
Twine, Sewing for burlapping, per pound	30
Twine, Wool, for tying, per pound.....	08
Twine, Tarred Lath Yarn, in 6-pound balls, does not rot, per pound	10

STATE OF IOWA, CERTIFICATE OF NURSERY INSPECTION

Office of State Entomologist, Ames, Iowa

This is to Certify, That in accordance with Chapter 53 of the Acts of the Twenty-seventh General Assembly, as amended by the Twenty-first General Assembly (Code Section 2575a51,) the nursery stock for sale by the Mount Arbor Nurseries, E. S. Welch, Prop., of Shenandoah, Iowa, has been inspected by a duly authorized inspector and has been found apparently free from dangerously injurious insects and plant diseases.

This Certificate is invalid after July 1, 1912.

Certificate No. 29. Dated 10, July, 1911.

H. E. SUMMERS, State Entomologist.

For the Spring Trade

We have one of the largest and most Complete lines of General Nursery Stock on the Market.

Especially Strong on

Apple—All Grades, over 100 varieties.

Cherry—Two year, all leading sour and sweet sorts in prime condition.

Plum on Plum—European and Japanese.

Pear—Bartlett, B. de Anjou and Kieffer.

Peach—Popular hardy varieties.

Mulberry Russian—Trees and Seedlings.

Currant—Leading kinds.

Ornamental Trees

Ash, Birch, C. L. W.; Maple Silver Leaved and Weir's; Elm, American White; Mountain Ash; Poplar Carolina and Norway; Walnut, Black.

Shrubs—Splendid assortment of the best kinds.

Roses—Hybrid Perpetual, Ramblers and Climbing.

Forest Tree Seedlings and California Privet.

We make a specialty of furnishing a full line of stock for wholesale trade. With our large and varied assortment of stock, unsurpassed equipment and facilities for handling the business, we can guarantee satisfaction.

Write us about anything you are interested in buying. Always pleased to answer inquiries and quote prices.

Address,

MOUNT ARBOR NURSERIES,

E. S. WELCH, Prop.

SHENANDOAH, IOWA

Nurserymen's Supplies

**We carry a complete line of
Nurserymen's Supplies,
such as**

**Burlap, Carpet Warp,
Catalogs, Collating Books,
Dibbles, Excelsior,
Knives, Grafting Thread
Labels, Implements,
Order Books, Raffia,
Paper For Lining Boxes,
Box Straps, Twine, etc.**

See Page Eight for Prices.

A Large Assortment of

General Nursery Stock

In Storage, from which
Shipments can be made
at any time.

TRADE LIST For Spring 1912

Will be issued about Feb-
ruary 1st. We will be
pleased to quote prices by
letter at any time.

REFERENCES:

Shenandoah National Bank
Mercantile Agencies
Any Business Firm in Shenandoah